

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
NOBUYUKI HIRAYAMA ) : Examiner: Unassigned  
Application No.: 10/577,320 ) : Group Art Unit: Unassigned  
Filed: April 28, 2006 ) :  
For: PRINthead, PRINthead SUBSTRATE, )  
INK CARTRIDGE, AND PRINTING ) :  
APPARATUS HAVING PRINthead ) July 20, 2006

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, Applicant directs the Examiner's attention to the documents listed on the attached Form PTO-1449. Copies of the listed foreign documents, together with English-language abstracts thereof, are enclosed.

The listed foreign documents were cited in an Office Action dated May 15, 2006, issued by the Japanese Patent Office in a foreign application corresponding to U.S. Patent Application No. 11/134,416. (The other documents cited in the Office Action were previously

cited in the Information Disclosure Statement filed in the subject application on April 28, 2006.) A copy of the Office Action is also enclosed.

It is noted that the listed foreign documents were listed in the Examiner's prior art search but do not constitute grounds of rejection in the Japanese Office Action.

U.S. Patent No. 5,671,002 is a U.S. counterpart to JP 5-270052.

U.S. Patent No. 5,163,760 is a U.S. counterpart to JP 5-330119.

#### FORMAL MATTERS

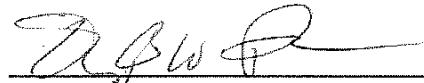
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits has not yet been issued in the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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DWP/lp

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted to the PTO: July 20, 2006			ATTY DOCKET NO. <b>00862.103495</b>		APPLICATION NO. <b>10/577,320</b>		
			APPLICANT <b>NOBUYUKI HIRAYAMA</b>				
			FILING DATE <b>April 28, 2006</b>		GROUP <b>Unassigned</b>		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>5,163,760</b>	<b>11/17/1992</b>	<b>Nardozzi</b>			
		<b>5,671,002</b>	<b>09/23/1997</b>	<b>Murano</b>			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>5-270052</b>	<b>10/19/1993</b>	<b>Japan</b>			<b>Abstract &amp; counterpart U.S. patent cited</b>
		<b>5-330119</b>	<b>12/14/1993</b>	<b>Japan</b>			<b>Abstract &amp; counterpart U.S. patent cited</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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